

## Recombinant Human IL3 protein, His-Avi-tagged

**Cat. No.** IL3-7433H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                          |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human IL3 protein(P08700)(Ala20-Phe152), fused with N-terminal His and Avi tag, was expressed in E.coli.                                                     |
| <b>Species</b>          | Human                                                                                                                                                                    |
| <b>Source</b>           | E.coli                                                                                                                                                                   |
| <b>ProteinLength</b>    | Ala20-Phe152                                                                                                                                                             |
| <b>Tag</b>              | N-His-Avi                                                                                                                                                                |
| <b>Form</b>             | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.                                           |
| <b>Bio-activity</b>     | Immobilized Human IL-3, His Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Human IL-3 R alpha, hFc Tag with the EC50 of 0.46µg/ml determined by ELISA. |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 16.9 kDa same as Tris-Bis PAGE result.                                                                                                 |
| <b>Endotoxin</b>        | Less than 1EU per µg by the LAL method.                                                                                                                                  |
| <b>Purity</b>           | > 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC                                                                                                        |
| <b>Storage</b>          | Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual                                                                                        |

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defrost freezer and avoid repeated freeze-thaw cycles.

#### Reconstitution

Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

## GENE INFORMATION

#### Gene Name

IL3 interleukin 3 (colony-stimulating factor, multiple) [ Homo sapiens ]

#### Official Symbol

IL3

#### Synonyms

IL3; interleukin 3 (colony-stimulating factor, multiple); interleukin-3; hematopoietic growth factor; IL 3; mast cell growth factor; MCGF; MGC79398; MGC79399; MULTI CSF; multilineage colony stimulating factor; P cell stimulating factor; mast-cell growth factor; P-cell stimulating factor; P-cell-stimulating factor; multilineage-colony-stimulating factor; multipotential colony-stimulating factor; IL-3; MULTI-CSF;

#### Gene ID

3562

#### mRNA Refseq

NM\_000588

#### Protein Refseq

NP\_000579

#### MIM

147740

#### UniProt ID

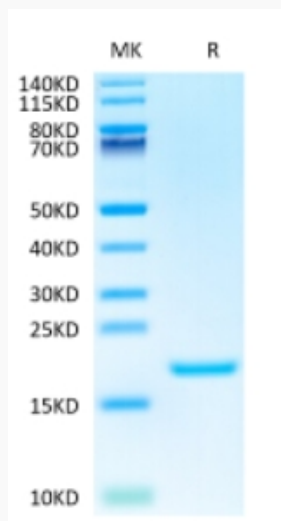
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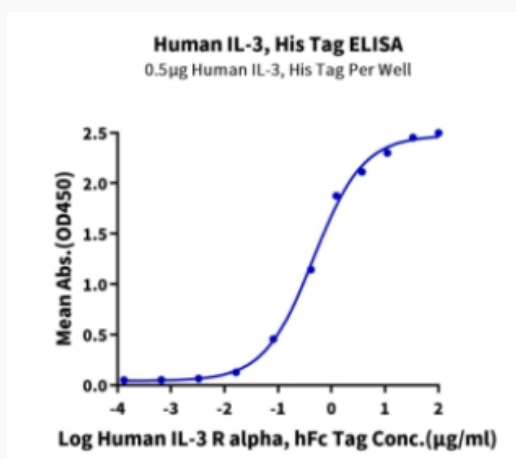
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## Tris-Bis PAGE



## ELISA Data



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